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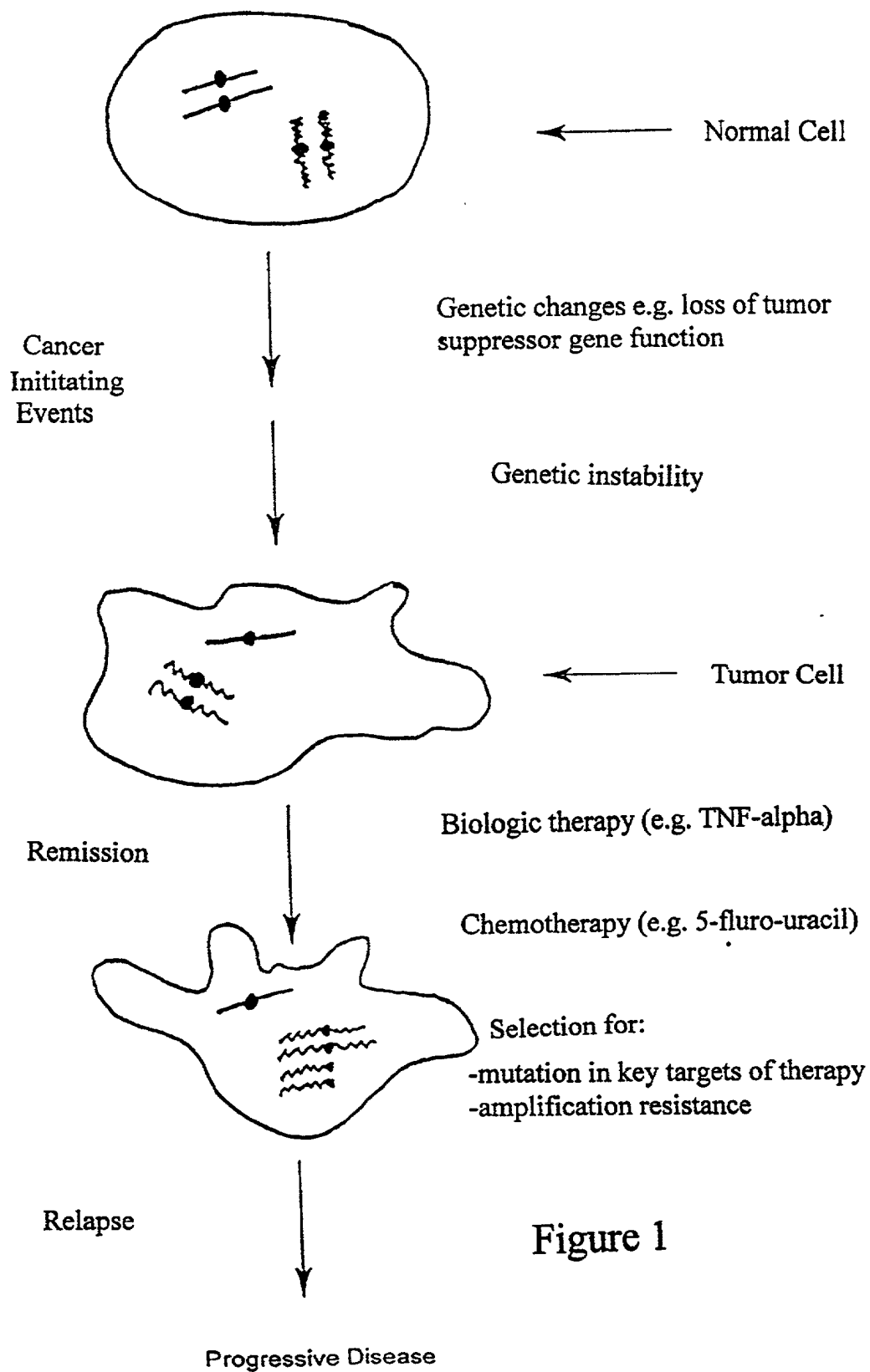


Figure 1

09782721.054501

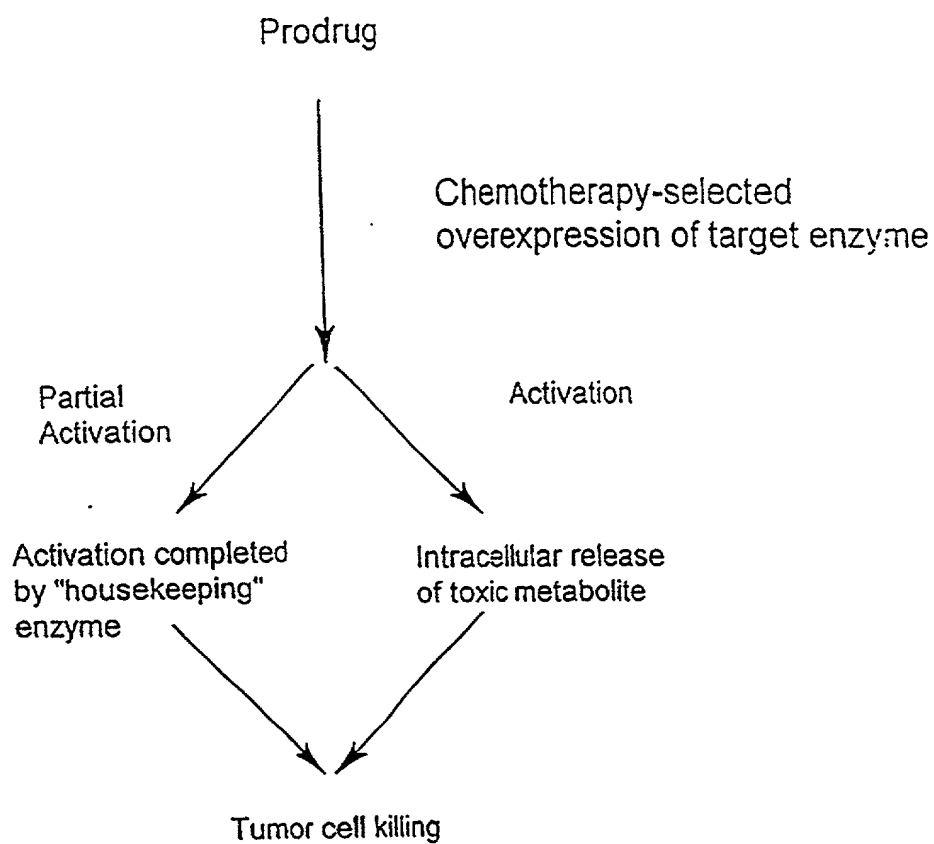


Figure 2

General Schematic of the High Throughput
Screen of Novel Prodrug Including
Anticancer Prodrugs

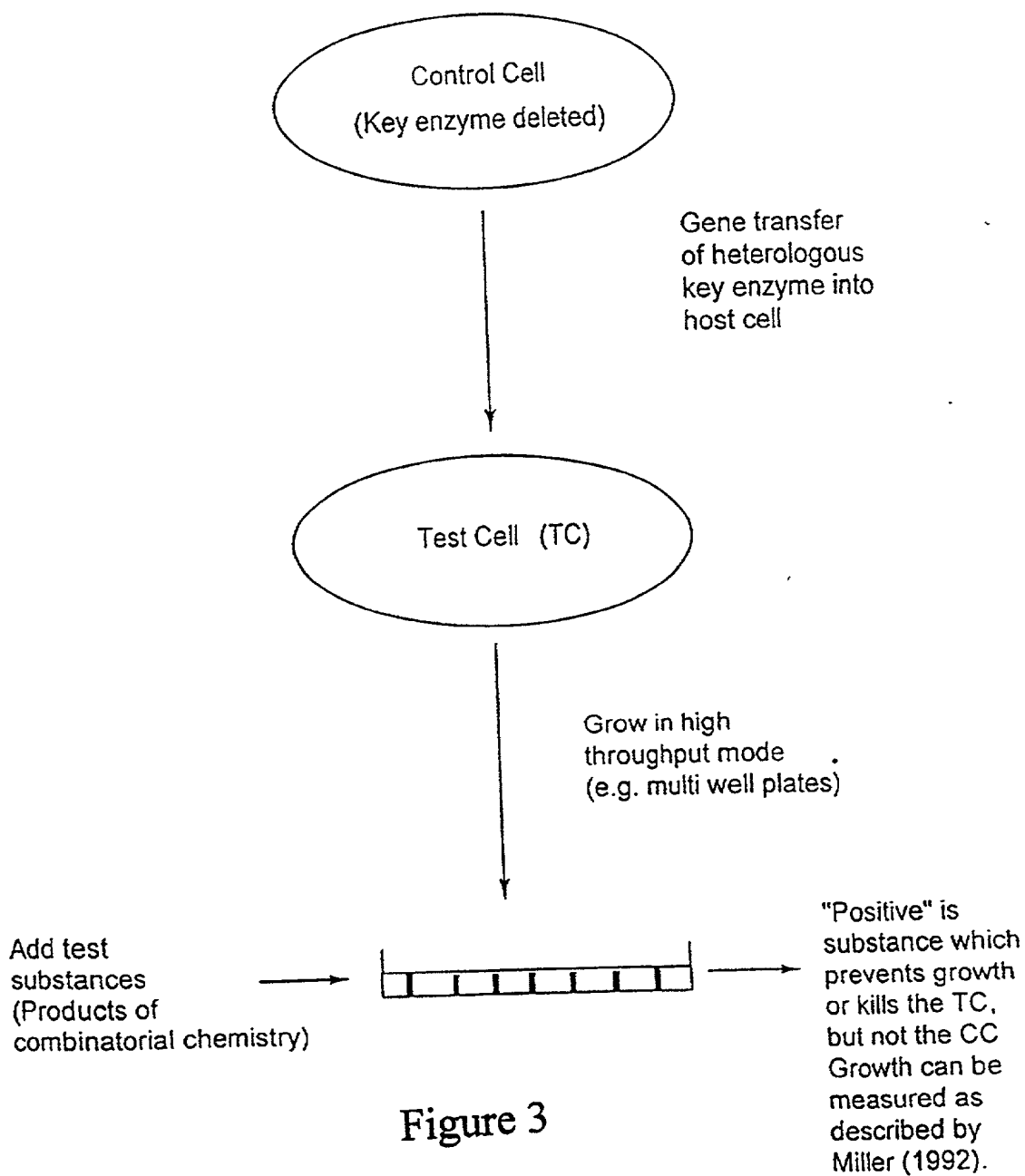


Figure 3

How to find a TS lead molecule: Design of the High Throughput Screen
e.g., Using Thymidylate Synthase as the Target Enzyme

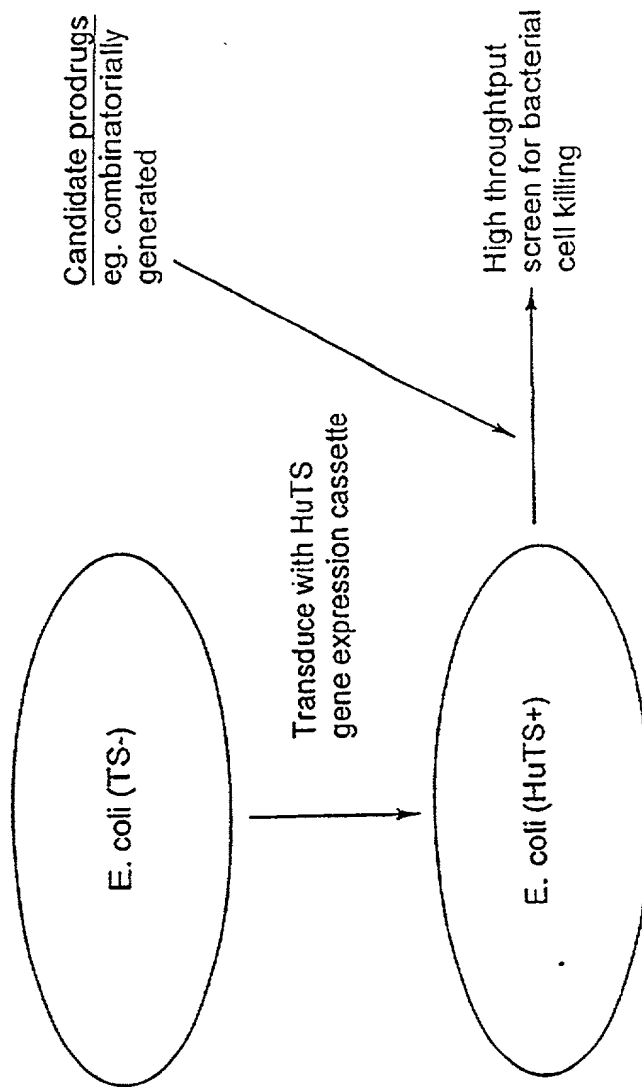


Figure 4

How to find a TS lead molecule: Replacement of two enzymes, e.g., Thymidylate Synthase (TS) and Thymidine Kinase (TK)

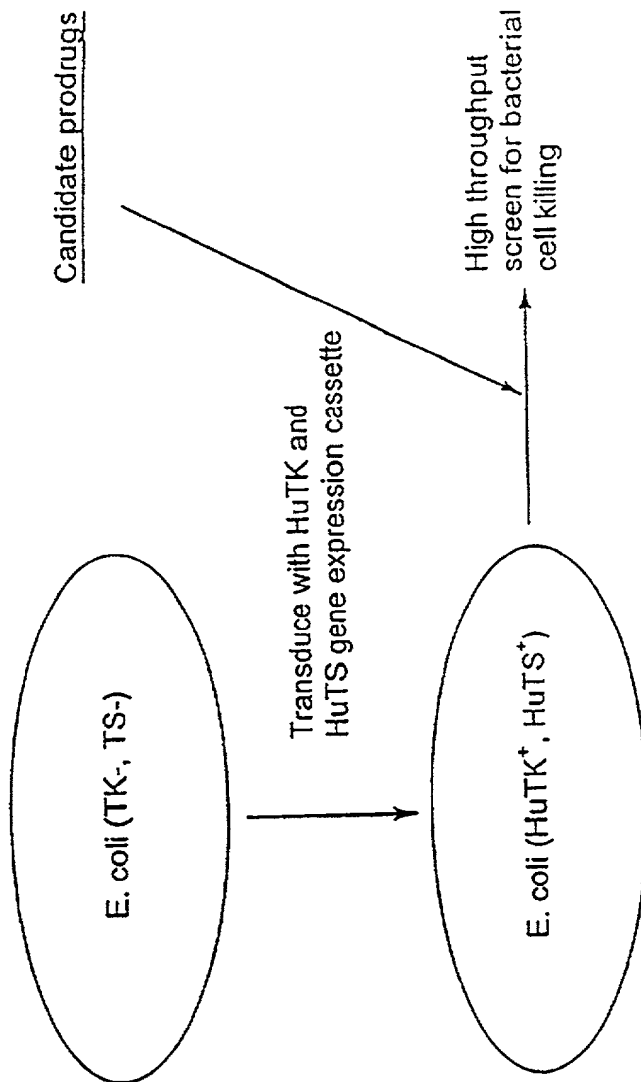


Figure 5

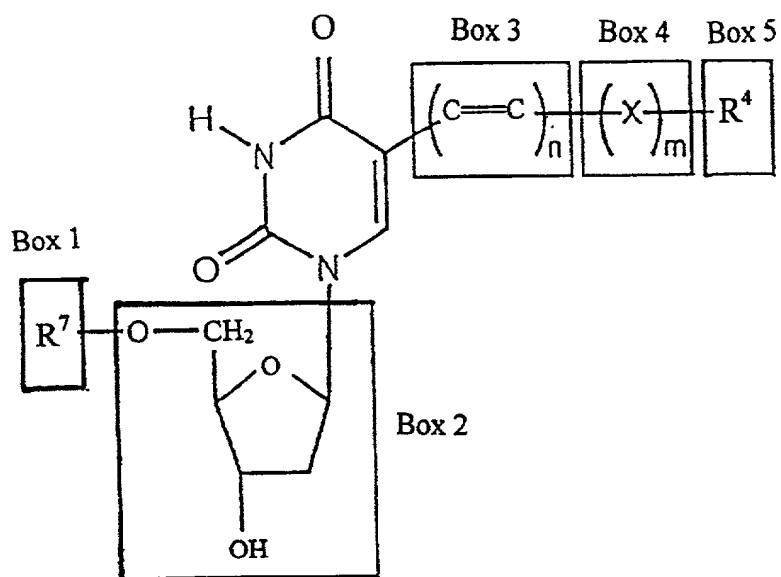


Figure 6

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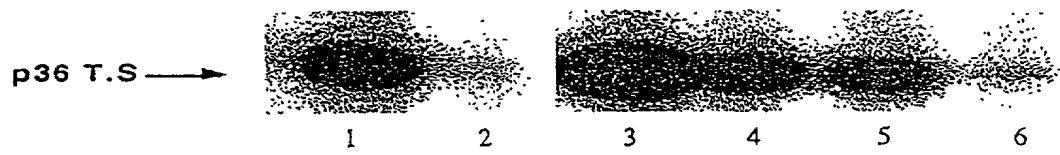


Figure 7

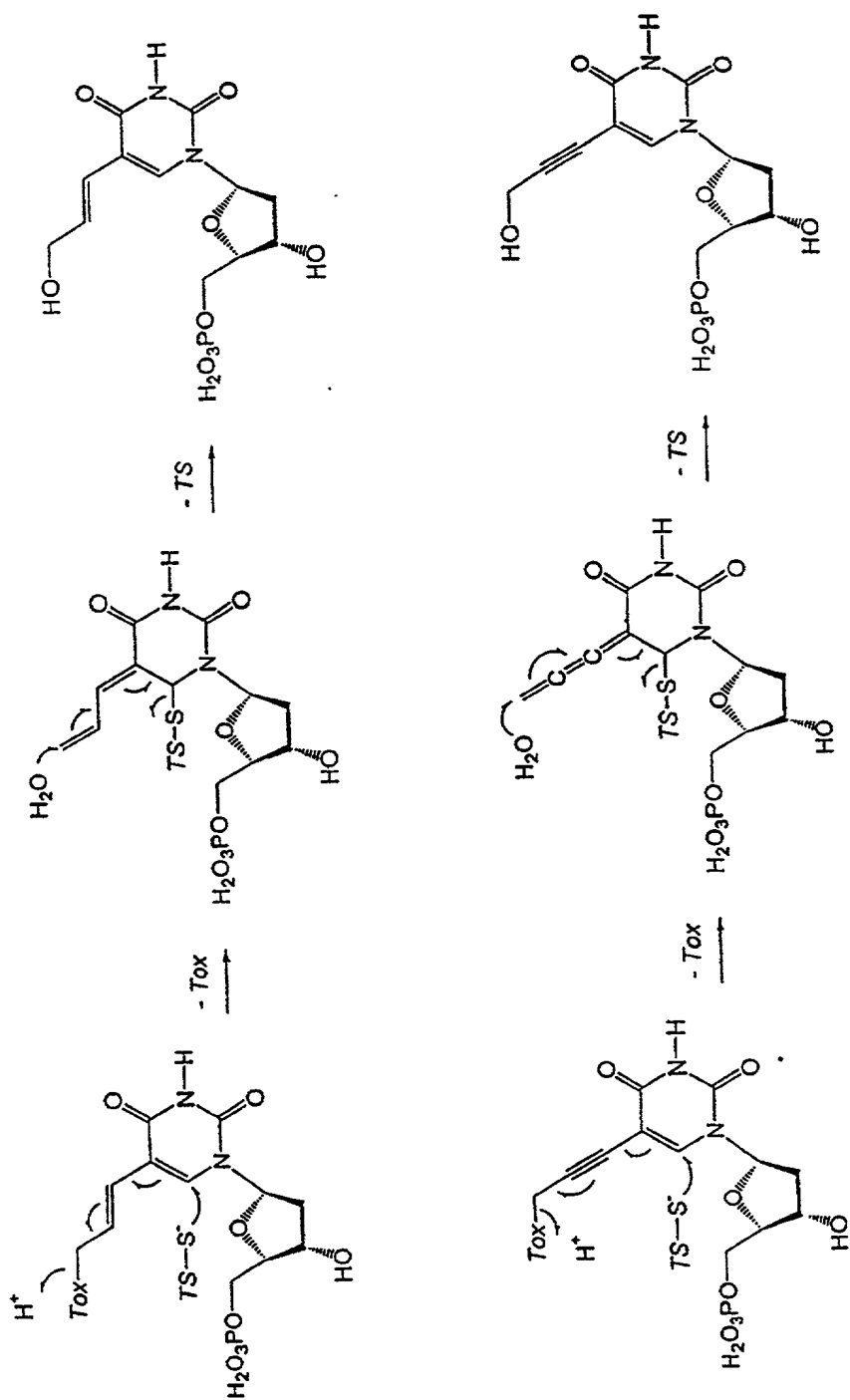


Figure 8